

1 *ai cont* 2. (Amended) [A method] Use according to claim 1, wherein the [method] hard particle
2 abrasion is performed for between 10 minutes and 1 hour.

1 3. (Amended) [A method] Use according to claim 1 [or 2], wherein the relative movement
2 is produced by rotating the component in one direction while the receptacle is rotated in the
3 opposite direction.

1 4. (Amended) [A method] Use according to [any one of claims 1 to 3] claim 1, [whereby
2 the surface finish of the component is improved from around 0.13 μm to around 0.07 μm] wherein
3 the hard particles comprise alumina.

Please cancel claims 5-10.

Please include the following new claims:

1 *a2* 11. A rolling element bearing component treated in accordance with [any one of the
2 preceding claims] claim 1.

1 12. A rolling element bearing component according to claim 11, wherein the surface finish
2 of the component is improved from around 0.13 μm to around 0.07 μm .

1 13. A rolling element bearing component according to claim 11[or 12], wherein the
2 compressive stress in the surface of the component is increased by between 200 MPa and 500
3 MPa.

1 14. A rolling element bearing component according to [any one of claims 11 to 13] claim
2 11, wherein the rolling contact fatigue life of the component is significantly enhanced.